



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION
NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

AWP Windows and Doors, LLC
8130 N. W. 74th Avenue
Medley, FL 33166

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER -Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series 5000 Aluminum Sliding Glass Door-LMI

APPROVAL DOCUMENT: Drawing No. **W16-63**, titled "Series 5000 Aluminum Sliding Glass Door (LMI), sheets 1 through 10 of 10, prepared by Al-Farooq Corporation, dated 09-21-16 and last revised on SEP 26, 2016, signed and sealed by Javad Ahmad, P.E., bearing the Miami-Dade County Product Control revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

Limitations:

1. See DP Vs sizes, Glass types in sheet 3 and sheet 4 for anchor capacity at head/sill.
2. See sheet 2 for approved configurations. Fixed panels to be secured with Head cover item #14 and Threshold sill tracks item #12 with length as needed.
3. See OC jamb anchor spacing and corner anchors in sheet 1. Free jamb gap to be reviewed by AHJ.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and series and following statement: "Miami-Dade County Product Control Approved", noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises #15-1007.01 (PLA) consists of this page 1 and evidence pages E-1 & E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Ishaq I. Chanda, P.E.**



NOA No. 16-0824.05
Expiration Date: June 24, 2019
Approval Date: October 20, 2016
Page 1

8
10/10/16

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections (submitted under files referenced as below).
2. Drawing No. **W16-63**, titled "Series 5000 Aluminum Sliding Glass Door (LMI), sheets 1 through 10 of 10, prepared by Al-Farooq Corporation, dated 09-21-16 and last revised on SEP 26, 2016, signed and sealed by Javad Ahmad, P. E.

B. TESTS (submitted under files **#15-1007.01/#13-1112.05/#12-00618.05/#09-03224.92/#05-0815.15**)

1. Test reports on:
 - 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Large Missile Impact Test per FBC, TAS 201-94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 6) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202-94

along with marked-up drawings and installation diagram of the aluminum sliding glass door, prepared by Fenestration Testing Laboratories, Inc. Test Report No. **FTL-5868**, dated 08/09/11, signed and sealed by Marlin D. Brinson, P. E.

along with marked-up drawings and installation diagram of the aluminum sliding glass door, prepared by Fenestration Testing Laboratories, Inc. Test Report No. **FTL-5427**, dated 12/13/07, signed and sealed by Carlos S. Rionda, P. E.

along with marked-up drawings and installation diagram of the aluminum sliding glass door, prepared by Fenestration Testing Laboratories, Inc. Test Report No. **FTL-4428**, dated 01/11/05, signed and sealed by Edmundo Largaespada, P. E.

along with marked-up drawings and installation diagram of the aluminum sliding glass door, prepared by Fenestration Testing Laboratories, Inc. Test Report No. **FTL-3825**, dated 07/16/03, signed and sealed by Joseph C. Chan, P. E.

B. CALCULATIONS (submitted under files **#15-1007.01**)

1. Anchor verification calculations and structural analysis, complying with **FBC-2014**, prepared by Al-Farooq Corporation, dated 09/17/15 and last revised on 05/17/16, signed and sealed by Javad Ahmad, P. E.
2. Glazing complies with ASTM E1300-02, -04 & -09.

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **14-0916.11** issued to **Kuraray America, Inc.** (Former E.I. DuPont DeNemours & Co., Inc. for the "**Sentry Glass ® (Clear and White) Glass Interlayers**", expiring on 07/04/18.
2. Notice of Acceptance No. **14-0916.10** issued to Kuraray America, Inc. (former E.I. DuPont DeNemours & Co., Inc.) for "**Kuraray Butacite PVB Interlayer**", expiring on 12/11/16.


Ishaq I. Chanda, P.E.

Product Control Examiner


NOA No. 16-0825.08

Expiration Date: June 24, 2019

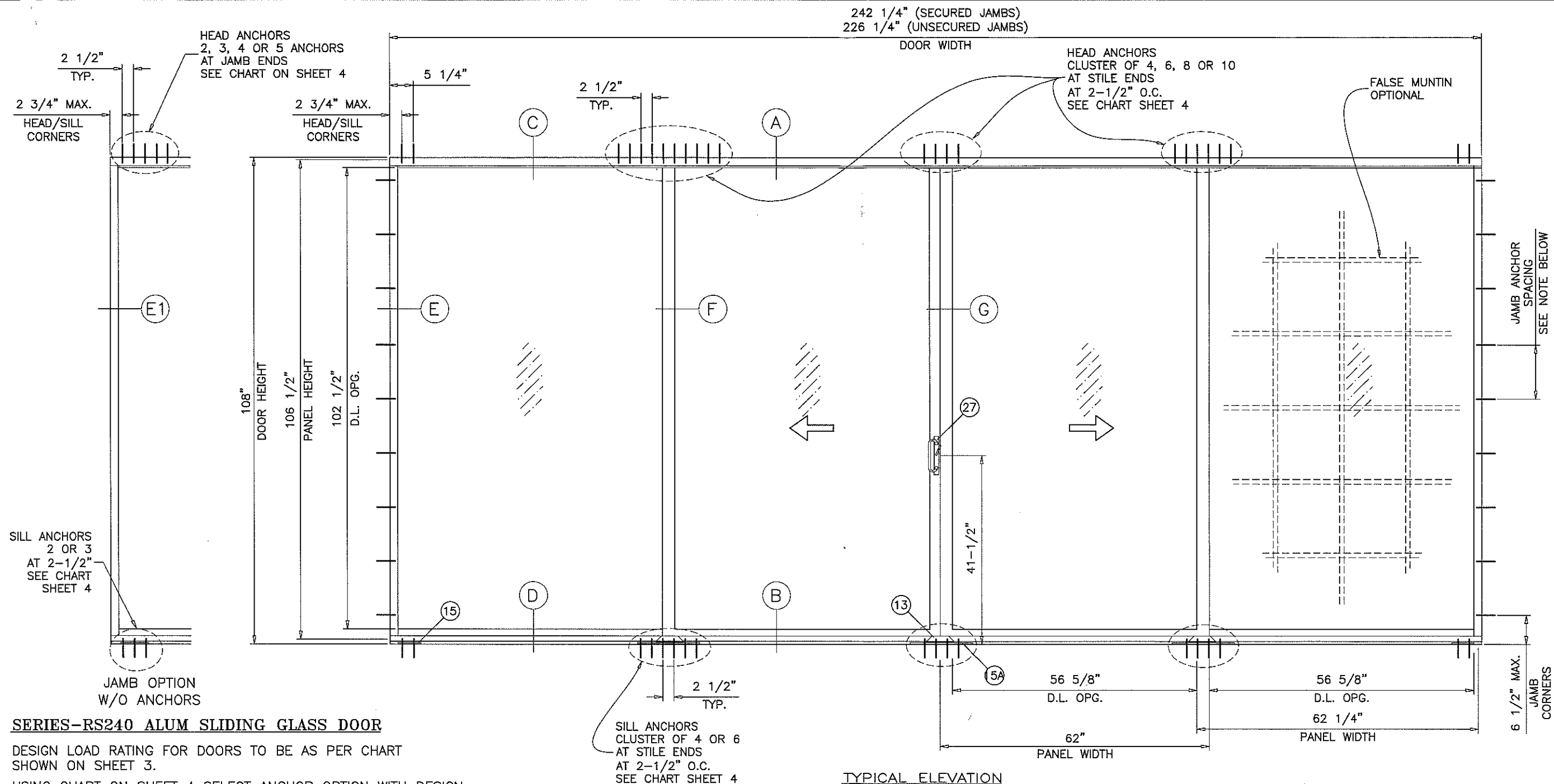
Approval Date: October 20, 2016

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

- F. STATEMENTS (Items #3 thru #7, submitted under files #13-1112.05)**
1. Statement letter of conformance, complying with **FBC-2014**, issued by Al-Farooq Corporation, dated 09/17/15, signed and sealed by Javad Ahmad, P. E.
 2. Lab compliance statements, as part of the test reports.
 3. Name changed to **RC HOME SHOWCASE, INC.** as registered in the Florida Department of State, Division of Corporation, Sunbiz document dated 10/11/13.
 4. Asset purchase agreement dated 10/01/13, signed by Mr. Manuel A. Kronfle-Kozhaya, Mr. Henry F. Kronfle-Kozhaya, Mr. Raul Casares, Mr. Eusebio Paredes and Ms. Nancy Vias.
 5. Statement letter of complying with the Sales of Assets issued by RC Aluminum Industries, Inc., dated 10/30/2013, signed by Raul Casares, President.
 6. Department of State Certification of **RC HOME SHOWCASE, INC.** as a for profit corporation, active and organized under the laws of the State of Florida, dated 10/11/13 and signed by T. Carter, the Secretary of State.
 7. Department of State Certification of **MANUHEN ENTERPRISES, LLC** as a limited liability company, active and organized under the laws of the State of Florida, dated 08/22/13 and signed by N. Culligan, the Secretary of State.
- G. OTHERS**
1. Private label agreement dated August 17, 2016 between RC Home Showcase, Inc. and AWP Windows and Doors, LLC, signed by Richard Gallo, Sales Director and Craig Spud, CEO of the respective company.



Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No. 16-0825.08
Expiration Date: June 24, 2019
Approval Date: October 20, 2016



SERIES-RS240 ALUM SLIDING GLASS DOOR

DESIGN LOAD RATING FOR DOORS TO BE AS PER CHART SHOWN ON SHEET 3.

USING CHART ON SHEET 4 SELECT ANCHOR OPTION WITH DESIGN RATING MORE THAN DESIGN LOADS REQUIRED.

VERIFY UNANCHORED JAMBS, IF USED AS PER SHEET 8.

LOWER DESIGN PRESSURES FROM GLASS, ANCHORS OR JAMB CHARTS WILL APPLY TO ENTIRE SYSTEM.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2014 (5TH EDITION) FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 2014 FLORIDA BUILDING CODE & ADOPTED STANDARDS.

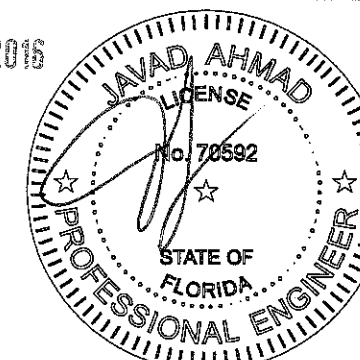
DAYLITE OPENINGS:

D.L.O. HEIGHT = PANEL HEIGHT - 4.0"
D.L.O. WIDTH = PANEL WIDTH - 5.375" (MOV. PANEL)
D.L.O. WIDTH = PANEL WIDTH - 5.625" (FIX. PANEL)
PANEL HEIGHT = DOOR FRAME HEIGHT - 1.50"

THESE DOORS ARE RATED FOR LARGE & SMALL MISSILE IMPACT AND REQUIRE NO SHUTTERS.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 16-0824.05
Expiration Date JUNE 24, 2019
Javad I. Ahmad
Manufacturing Product Control

**LAMINATED GLASS
INSUL. LAM. GLASS
LARGE MISSILE IMPACT**



JAMB ANCHOR SPACING:

1/4" KWIK-CON AT 12" MAX. SPACING FOR UP TO 3/8" SHIMS
1/4" KWIK-CON AT 10" MAX. SPACING FOR 1/2" SHIMS
1/4" TEKS AT 10" MAX. SPACING FOR UP TO 3/8" SHIMS

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL W16-63AWP

5000 ALUM SLIDING GLASS DOOR (L.M.I.)

AWP WINDOWS AND DOORS, LLC
8130 N.W. 74TH AVE.
MEDLEY, FL. 33166
TEL. (305) 887-2646 FAX. (305) 883-1309

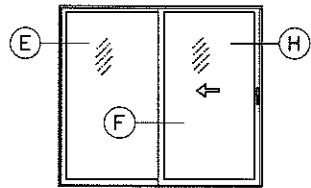
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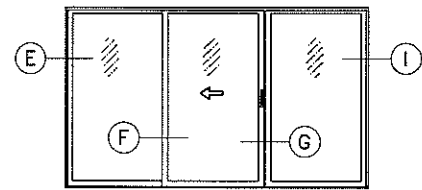
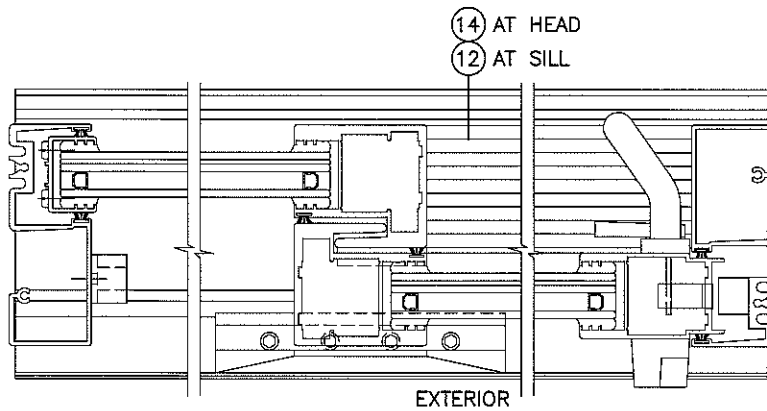
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dr. by: HAMID
chk. by:

drawing no.
W16-63

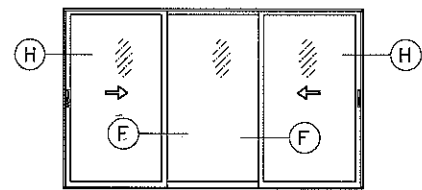
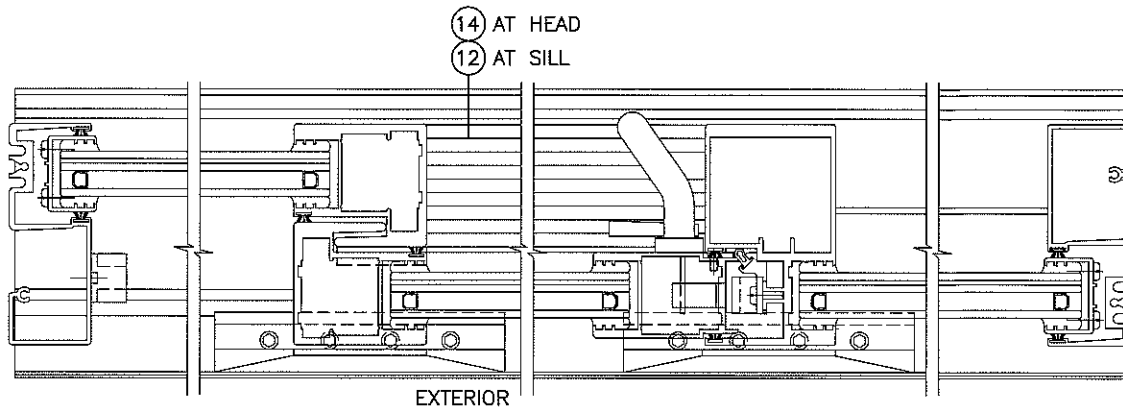
sheet 1 of 10



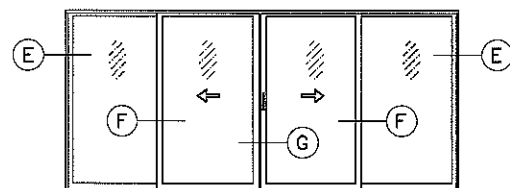
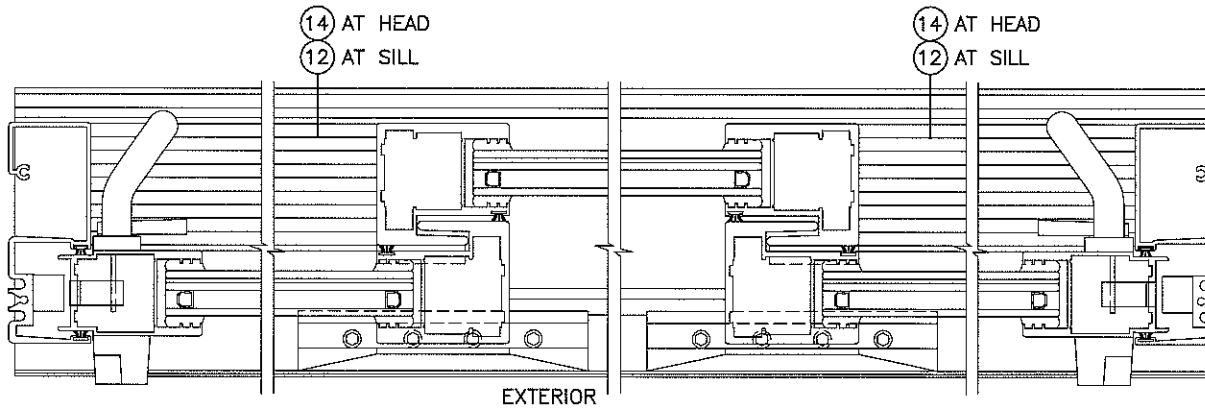
OX (SHOWN)
XO



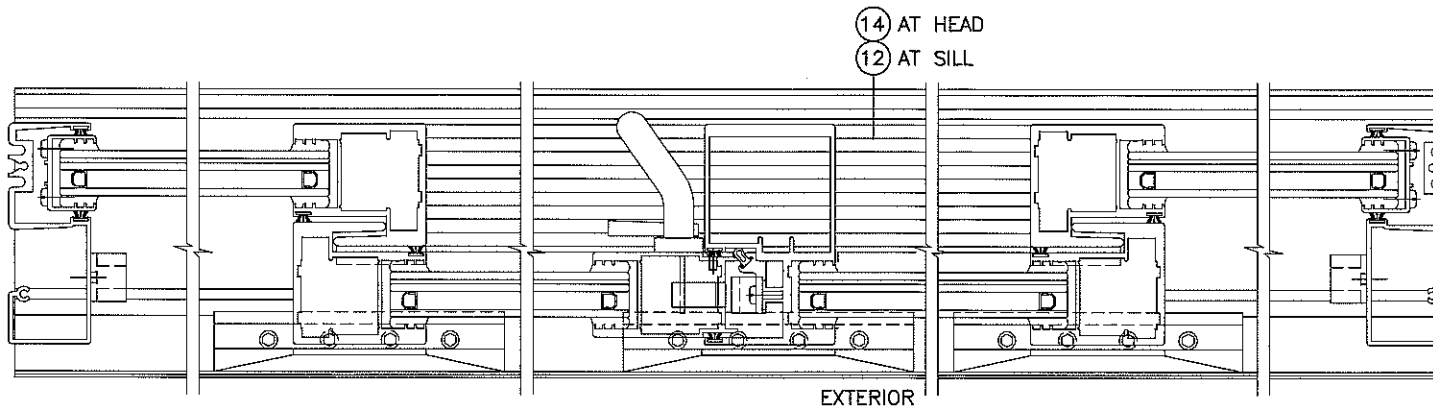
OXO (SHOWN)



XOX (SHOWN)



OXXO (SHOWN)

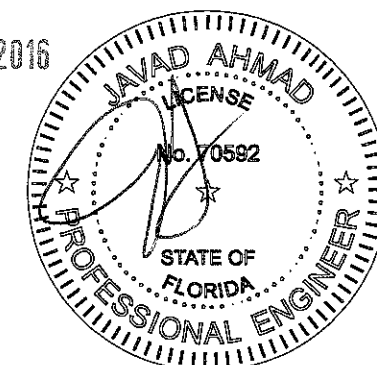


APPROVED CONFIGURATIONS

NOTE:
CONFIGURATIONS SHOWN FOR ILLUSTRATION PURPOSE ONLY.
SEE ANCHORS INSTALLATION DETAILS ON SHEETS 5 THRU 7.
FOR FREE STANDING JAMBS DETAILS SEE SHEET 9.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 16-0824-05
Expiration Date 6/24/19
By: [Signature]
For: Product Control

SEP 26 2016



AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3538)
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL W16-63AWP

af c

SERIES 5000 ALUM SLIDING GLASS DOOR (L.M.I.)

AWP WINDOWS AND DOORS, LLC
8130 N.W. 74TH AVE.
MEDLEY, FL. 33166
TEL. (305) 887-2646 FAX. (305) 883-1309

revisions:

| no | date | by description |
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| | | |

date: 09-21-16
scale: 1/2"=1'-0"
dr. by: HAMID
chk. by:

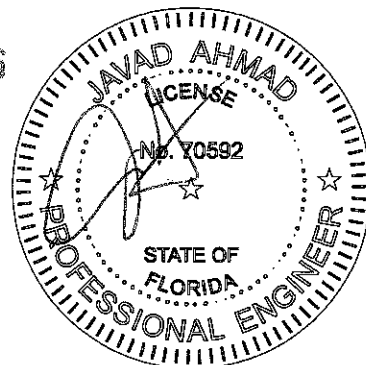
drawing no.
W16-63
sheet 2 of 10

| DESIGN LOAD CAPACITY - PSF (HEAD ANCHORS) | | | | | | | | | | | | | | | |
|---|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|-------------------------|
| PANEL WIDTH NOMINAL INCHES | DOOR HEIGHT INCHES | ANCHORS TYPE 'A' | | | | | | | | | | ANCHORS TYPE 'B' | | | |
| | | 1/4" MAX. SHIM SPACE | | | 3/8" MAX. SHIM SPACE | | | 1/2" MAX. SHIM SPACE | | | | 3/8" MAX. SHIM SPACE | | | |
| | | 2 ANCHORS AT JAMBS | 3 ANCHORS AT JAMBS | 4 ANCHORS AT JAMBS | 2 ANCHORS AT JAMBS | 3 ANCHORS AT JAMBS | 4 ANCHORS AT JAMBS | 2 ANCHORS AT JAMBS | 3 ANCHORS AT JAMBS | 4 ANCHORS AT JAMBS | 5 ANCHORS AT JAMBS | 2 ANCHORS AT JAMBS | 3 ANCHORS AT JAMBS | 4 ANCHORS AT JAMBS | 5 ANCHORS AT JAMBS |
| | | 4 ANCHORS AT STILES | 6 ANCHORS AT STILES | 8 ANCHORS AT STILES | 4 ANCHORS AT STILES | 6 ANCHORS AT STILES | 8 ANCHORS AT STILES | 4 ANCHORS AT STILES | 6 ANCHORS AT STILES | 8 ANCHORS AT STILES | 10 ANCHORS AT STILES | 4 ANCHORS AT STILES | 6 ANCHORS AT STILES | 8 ANCHORS AT STILES | 10 ANCHORS AT STILES |
| | | EXT. (+) INT. (-) | EXT. (+) INT. (-) | EXT. (+) INT. (-) | EXT. (+) INT. (-) | EXT. (+) INT. (-) | EXT. (+) INT. (-) | EXT. (+) INT. (-) | EXT. (+) INT. (-) | EXT. (+) INT. (-) | EXT. (+) INT. (-) | EXT. (+) INT. (-) | EXT. (+) INT. (-) | EXT. (+) INT. (-) | EXT. (+) INT. (-) |
| 30 | 82 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| 36 | | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 76.9 | 80.0 | 80.0 | 80.0 | 72.7 | 80.0 | 80.0 | 80.0 |
| 42 | | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 65.9 | 80.0 | 80.0 | 80.0 | 62.3 | 80.0 | 80.0 | 80.0 |
| 48 | | 80.0 | 80.0 | 80.0 | 73.8 | 80.0 | 80.0 | 57.7 | 80.0 | 80.0 | 80.0 | 54.5 | 80.0 | 80.0 | 80.0 |
| 54 | | 75.6 | 80.0 | 80.0 | 65.6 | 80.0 | 80.0 | 51.3 | 76.9 | 80.0 | 80.0 | 48.5 | 72.7 | 80.0 | 80.0 |
| 56-1/2 | | 72.2 | 80.0 | 80.0 | 62.7 | 80.0 | 80.0 | 49.0 | 73.5 | 80.0 | 80.0 | 46.3 | 69.5 | 80.0 | 80.0 |
| 60 | | 68.0 | 80.0 | 80.0 | 59.0 | 80.0 | 80.0 | 46.2 | 69.2 | 80.0 | 80.0 | 43.6 | 65.4 | 80.0 | 80.0 |
| 66" | | 61.8 | 80.0 | 80.0 | 53.6 | 80.0 | 80.0 | 42.0 | 62.9 | 80.0 | 80.0 | 39.7 | 59.5 | 79.3 | 80.0 |
| 30 | 96 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 78.8 | 80.0 | 80.0 | 80.0 | 74.5 | 80.0 | 80.0 | 80.0 |
| 36 | | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 65.7 | 80.0 | 80.0 | 80.0 | 62.1 | 80.0 | 80.0 | 80.0 |
| 42 | | 80.0 | 80.0 | 80.0 | 72.0 | 80.0 | 80.0 | 56.3 | 80.0 | 80.0 | 80.0 | 53.2 | 79.8 | 80.0 | 80.0 |
| 48 | | 72.6 | 80.0 | 80.0 | 63.0 | 80.0 | 80.0 | 49.3 | 73.9 | 80.0 | 80.0 | 46.6 | 69.9 | 80.0 | 80.0 |
| 54 | | 64.6 | 80.0 | 80.0 | 56.0 | 80.0 | 80.0 | 43.8 | 65.7 | 80.0 | 80.0 | 41.4 | 62.1 | 80.0 | 80.0 |
| 56-1/2 | | 61.7 | 80.0 | 80.0 | 53.5 | 80.0 | 80.0 | 41.9 | 62.8 | 80.0 | 80.0 | 39.6 | 59.4 | 79.1 | 80.0 |
| 60 | | 58.1 | 80.0 | 80.0 | 50.4 | 75.6 | 80.0 | 39.4 | 59.1 | 78.8 | 80.0 | 37.3 | 55.9 | 74.5 | 80.0 |
| 66" | | 52.8 | 79.4 | 80.0 | 45.8 | 68.7 | 80.0 | 35.8 | 53.8 | 71.7 | 80.0 | 33.9 | 50.8 | 67.7 | 80.0 |
| 30 | 102 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 74.2 | 80.0 | 80.0 | 80.0 | 70.1 | 80.0 | 80.0 | 80.0 |
| 36 | | 80.0 | 80.0 | 80.0 | 79.1 | 80.0 | 80.0 | 61.8 | 80.0 | 80.0 | 80.0 | 58.4 | 80.0 | 80.0 | 80.0 |
| 42 | | 78.1 | 80.0 | 80.0 | 67.8 | 80.0 | 80.0 | 53.0 | 79.5 | 80.0 | 80.0 | 50.1 | 75.1 | 80.0 | 80.0 |
| 48 | | 68.4 | 80.0 | 80.0 | 59.3 | 80.0 | 80.0 | 46.4 | 69.6 | 80.0 | 80.0 | 43.8 | 65.8 | 80.0 | 80.0 |
| 54 | | 60.8 | 80.0 | 80.0 | 52.7 | 79.1 | 80.0 | 41.2 | 61.8 | 80.0 | 80.0 | 39.0 | 58.4 | 77.9 | 80.0 |
| 56-1/2 | | 58.1 | 80.0 | 80.0 | 50.4 | 75.6 | 80.0 | 39.4 | 59.1 | 78.8 | 80.0 | 37.2 | 55.9 | 74.5 | 80.0 |
| 60 | | 54.7 | 80.0 | 80.0 | 47.4 | 71.2 | 80.0 | 37.1 | 55.7 | 74.2 | 80.0 | 35.1 | 52.6 | 70.1 | 80.0 |
| 66" | | 51.6 | 77.6 | 80.0 | 44.8 | 67.2 | 80.0 | 35.0 | 52.6 | 70.1 | 80.0 | 33.1 | 49.7 | 66.2 | 80.0 |
| 30 | 108 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 70.1 | 80.0 | 80.0 | 80.0 | 66.2 | 80.0 | 80.0 | 80.0 |
| 36 | | 80.0 | 80.0 | 80.0 | 74.7 | 80.0 | 80.0 | 58.4 | 80.0 | 80.0 | 80.0 | 55.2 | 80.0 | 80.0 | 80.0 |
| 42 | | 73.8 | 80.0 | 80.0 | 64.0 | 80.0 | 80.0 | 50.1 | 75.1 | 80.0 | 80.0 | 47.3 | 71.0 | 80.0 | 80.0 |
| 48 | | 64.6 | 80.0 | 80.0 | 56.0 | 80.0 | 80.0 | 43.8 | 65.7 | 80.0 | 80.0 | 41.4 | 62.1 | 80.0 | 80.0 |
| 54 | | 57.4 | 80.0 | 80.0 | 49.8 | 74.7 | 80.0 | 38.9 | 58.4 | 77.9 | 80.0 | 36.8 | 55.2 | 73.6 | 80.0 |
| 56-1/2 | | 54.6 | 80.0 | 80.0 | 47.6 | 71.4 | 80.0 | 37.2 | 55.8 | 74.4 | 80.0 | 35.2 | 52.8 | 70.3 | 80.0 |
| 60 | | 51.6 | 77.6 | 80.0 | 44.8 | 67.2 | 80.0 | 35.0 | 52.6 | 70.1 | 80.0 | 33.1 | 49.7 | 66.2 | 80.0 |
| 66" | | 51.6 | 77.6 | 80.0 | 44.8 | 67.2 | 80.0 | 35.0 | 52.6 | 70.1 | 80.0 | 33.1 | 49.7 | 66.2 | 80.0 |

| DESIGN LOAD CAPACITY - PSF (SILL ANCHORS) | | | |
|--|-----------------------|------------------------|------------------------|
| PANEL WIDTH NOMINAL INCHES | DOOR HEIGHT INCHES | ANCHORS TYPE 'AA' | |
| | | 2 ANCHORS AT JAMBS | 3 ANCHORS AT JAMBS |
| | | 4 ANCHORS AT STILES | 6 ANCHORS AT STILES |
| | | EXT. (+) INT. (-) | EXT. (+) INT. (-) |
| 30 | 82 | 80.0 | 80.0 |
| 36 | | 80.0 | 80.0 |
| 42 | | 80.0 | 80.0 |
| 48 | | 80.0 | 80.0 |
| 54 | | 80.0 | 80.0 |
| 56-1/2 | | 80.0 | 80.0 |
| 60 | | 80.0 | 80.0 |
| 66" | | 78.2 | 80.0 |
| 30 | 96 | 80.0 | 80.0 |
| 36 | | 80.0 | 80.0 |
| 42 | | 80.0 | 80.0 |
| 48 | | 80.0 | 80.0 |
| 54 | | 80.0 | 80.0 |
| 56-1/2 | | 78.0 | 80.0 |
| 60 | | 73.5 | 80.0 |
| 66" | | 66.8 | 80.0 |
| 30 | 102 | 80.0 | 80.0 |
| 36 | | 80.0 | 80.0 |
| 42 | | 80.0 | 80.0 |
| 48 | | 80.0 | 80.0 |
| 54 | | 76.8 | 80.0 |
| 56-1/2 | | 73.4 | 80.0 |
| 60 | | 69.1 | 80.0 |
| 66" | | 69.1 | 80.0 |
| 30 | 108 | 80.0 | 80.0 |
| 36 | | 80.0 | 80.0 |
| 42 | | 80.0 | 80.0 |
| 48 | | 80.0 | 80.0 |
| 54 | | 72.5 | 80.0 |
| 56-1/2 | | 69.3 | 80.0 |
| 60 | | 65.3 | 80.0 |
| 66" | | 65.3 | 80.0 |

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 16-0824-05
Expiration Date 6/24/19
E. [Signature]
Mr. [Signature] Product Control

SEP 26 2016



AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 262-6978
FAX. (305) 262-6978
COMP-ANIL W16-63AWP

SERIES 5000 ALUM SLIDING GLASS DOOR (L.M.I.)

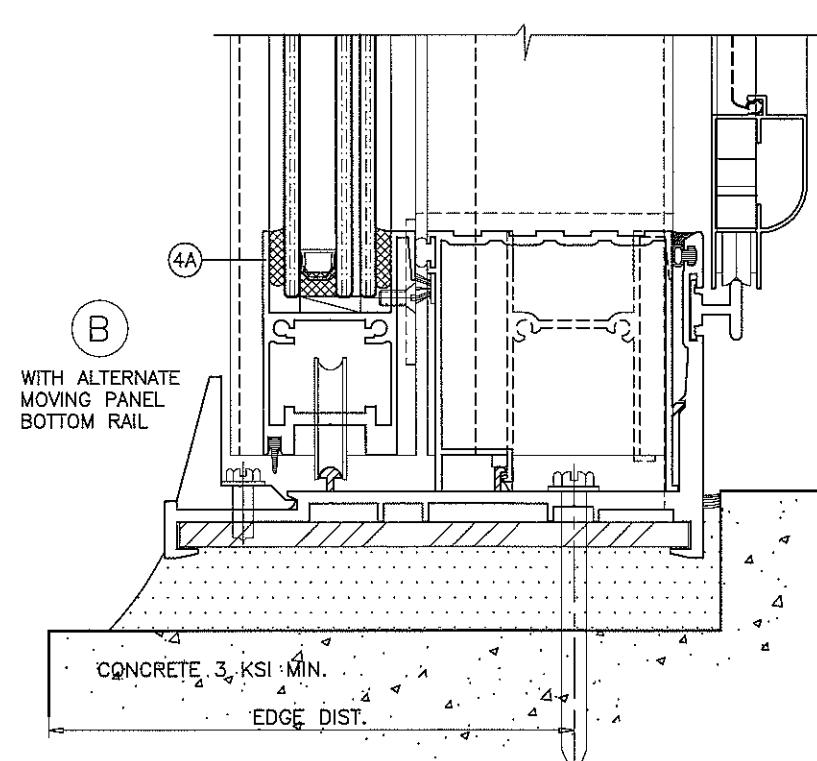
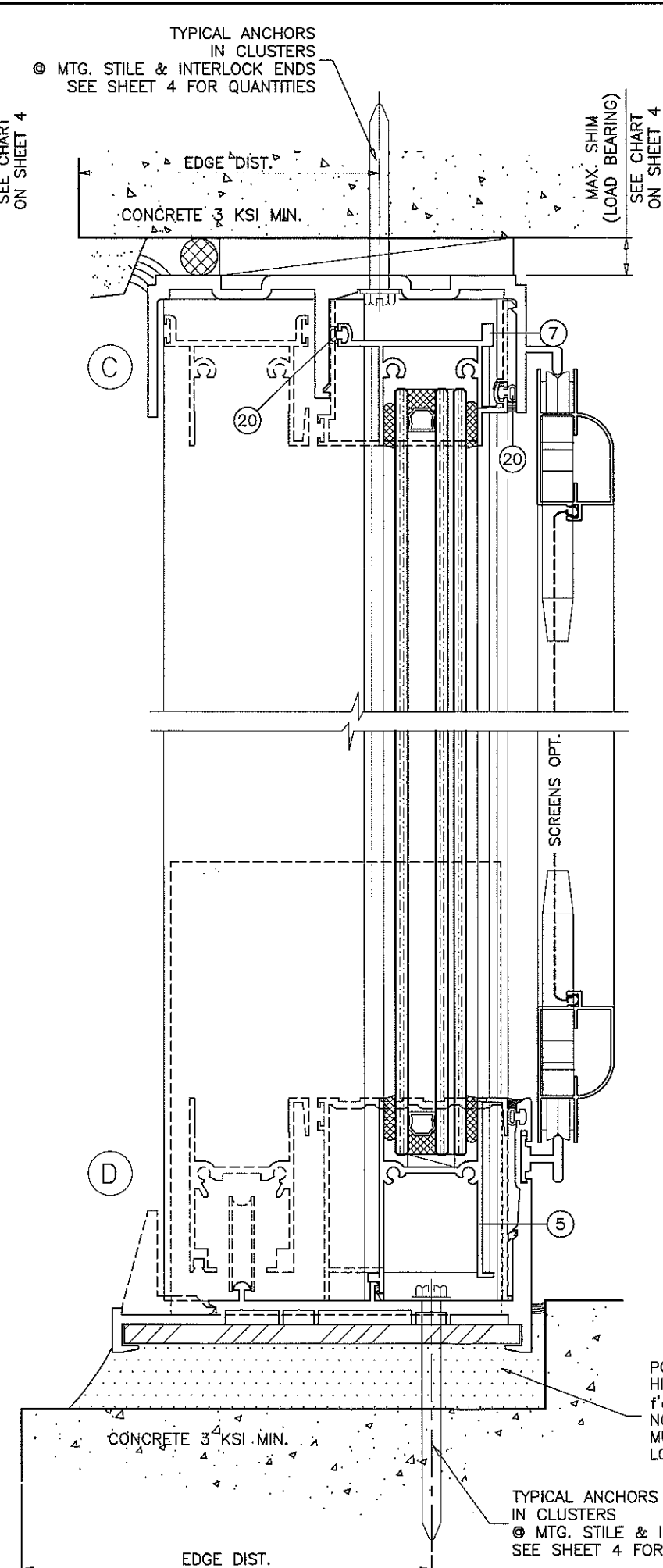
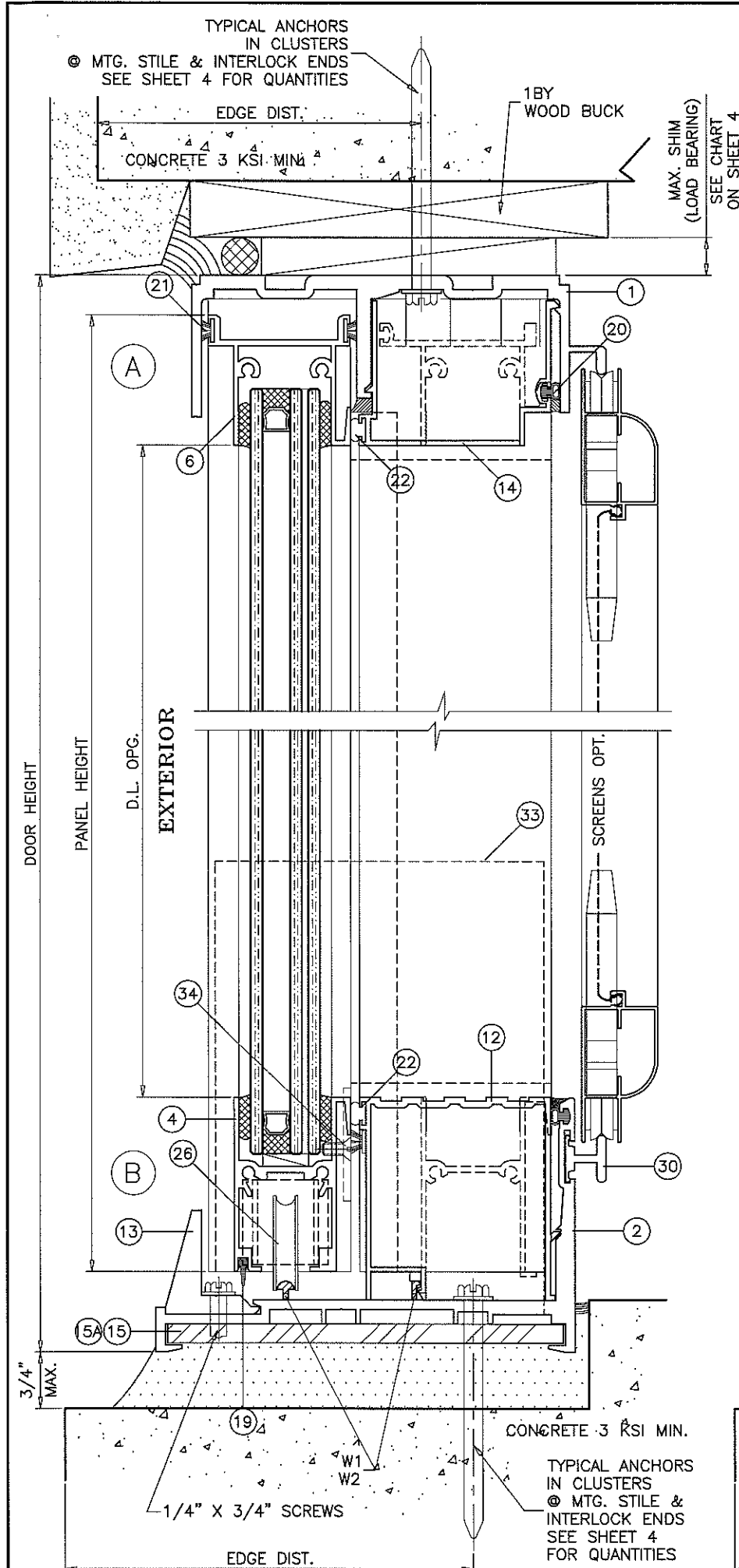
AWP WINDOWS AND DOORS, LLC
8130 N.W. 74TH AVE.
MEDLEY, FL. 33166
TEL. (305) 887-2646 FAX. (305) 883-1309

revisions:

| no | date | by | description |
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date: 09-21-16
scale: 1/2" = 1"
dr. by: HAMID
chk. by:

drawing no.
W16-63
sheet 4 of 10



SEALANTS:

ALL FRAME AND PANEL JOINT, INSTALLATION SCREWS AND HEADS OF ANCHOR SCREWS AT SILL TO BE SEALED WITH WHITE/ALUM COLORED SEALANT.

LOCKS:

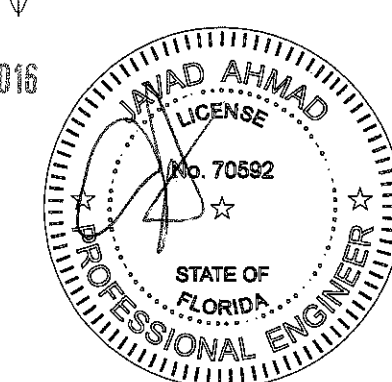
SURFACE MOUNT THREE PLY HOOK LOCK BY 'WORLD INDUSTRIAL PRODUCTS' AT 41-1/2" FROM BOTTOM WITH KEEPERS AT LOCK POSITION.

WEEPS:

W1 = 2-1/2" WEEP NOTCH AT SILL CENTER
W2 = 7/8" NOTCH AT EACH END

SEP 26 2016

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 16-0824.05
Expiration Date 6/24/19
by: [Signature]
for: Product Control



AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL W16-63AWP

AWP WINDOWS AND DOORS, LLC
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date: 09-21-16

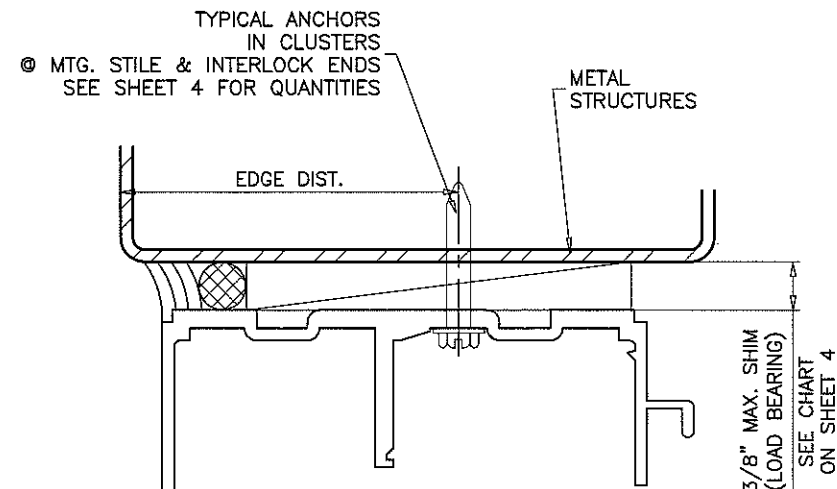
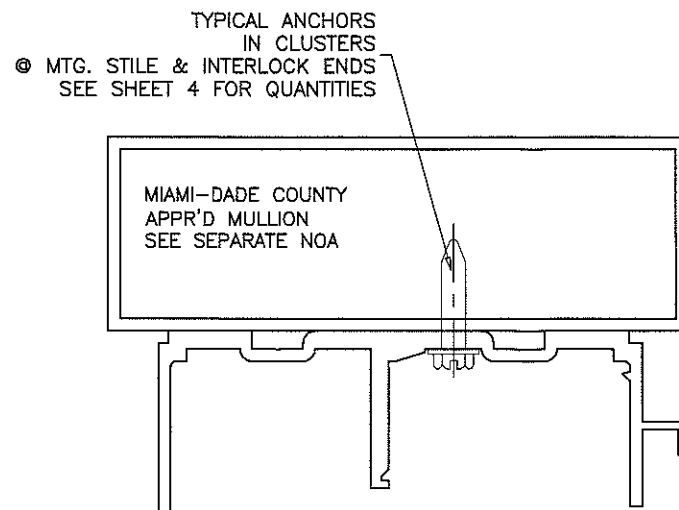
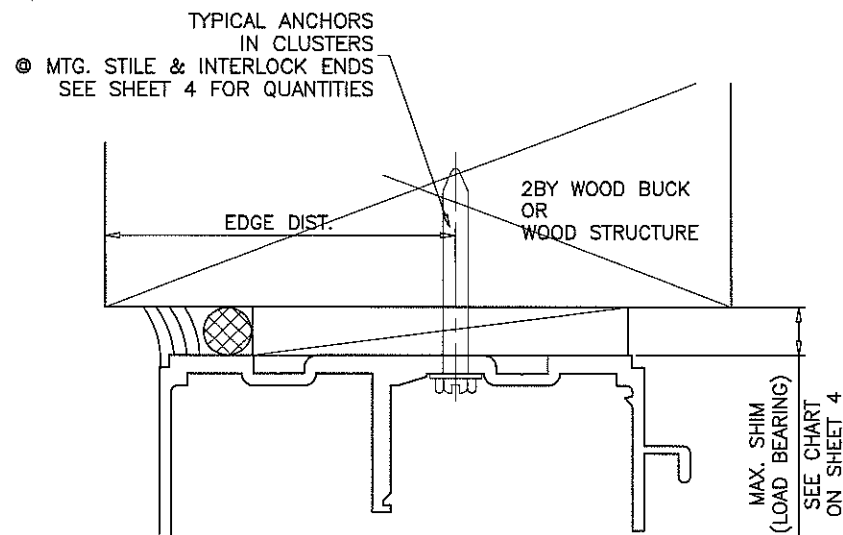
scale: 1/2" = 1"

dr. by: HAMID

chk. by:

drawing no.
W16-63

sheet 5 of 10



TYPICAL ANCHORS: SEE ELEV. FOR SPACING

AT HEAD

TYPE 'A'

1/4" DIA. HILTI KWIK-CON II (Fu=138 KSI, Fy=137 KSI)
MIN. LENGTH = 3-1/4"

INTO WOOD STRUCTURES, 2" MIN. EMBEDMENT
THRU 1BY OR 2BY BUCKS INTO CONCRETE, 1-1/4" MIN. CONC. EMBEDMENT
DIRECTLY INTO CONCRETE, 2" MIN. EMBED

TYPE 'B'

1/4" DIA. TEKS OR SELF DRILLING SCREWS (Fu=120 KSI, Fy=92 KSI)

INTO METAL STRUCTURES OR APPROVED CLIPPED MULLIONS

STEEL : 1/8" THK. MIN. (Fy = 36 KSI MIN.)

ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)

(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

AT SILL

TYPE 'AA'

1/4" DIA. HILTI KWIK-CON II (Fu=138 KSI, Fy=137 KSI)
MIN. LENGTH = 3-1/4"

DIRECTLY INTO CONCRETE, 2" MIN. EMBEDMENT

AT JAMBS

1/4" DIA. HILTI KWIK-CON II (Fu=138 KSI, Fy=137 KSI)
MIN. LENGTH = 3-1/4"

INTO WOOD STRUCTURES, 2" MIN. EMBEDMENT
THRU 1BY OR 2BY BUCKS INTO CONC. OR MASONRY, 1-1/4" MIN. CONC. OR MASONRY EMBED.
DIRECTLY INTO CONCRETE, 1-3/4" MIN. EMBED
DIRECTLY INTO FILLED BLOCKS, 2" MIN. EMBED

1/4" DIA. TEKS OR SELF DRILLING SCREWS (Fu=120 KSI, Fy=92 KSI)

INTO METAL STRUCTURES OR APPROVED CLIPPED MULLIONS

STEEL : 1/8" THK. MIN. (Fy = 36 KSI MIN.)

ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)

(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

ANCHOR EDGE DISTANCES

INTO CONCRETE AND MASONRY = 2-1/2" MIN.

INTO WOOD STRUCTURE = 1" MIN.

INTO METAL STRUCTURE = 3/4" MIN.

WOOD AT HEAD OR JAMBS SG = 0.55 MIN.

CONCRETE AT HEAD, SILL OR JAMBS f'c = 3000 PSI MIN.

C-90 GROUT FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.

1BY OR 2BY WOOD BUCKS AND METAL STRUCTURES NOT BY RC HOME SHOWCASE
MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE
BUILDING STRUCTURE.

PRODUCT REVISED

as complying with the Florida

Building Code

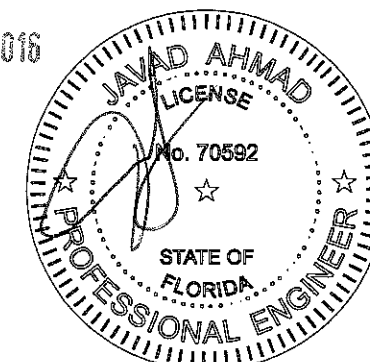
Acceptance No. 16-0824.05

Expiration Date 6/24/19

By: [Signature]

ALFA Product Control

SEP 26 2016



SERIES 5000 ALUM SLIDING GLASS DOOR (L.M.I.)

AWP WINDOWS AND DOORS, LLC

8130 N.W. 74TH AVE.

MEDLEY, FL. 33166

TEL. (305) 887-2646 FAX. (305) 883-1309

revisions:
no date by description

date: 09-21-16

scale: 1/2" = 1"

dr. by: HAMID

chk. by:

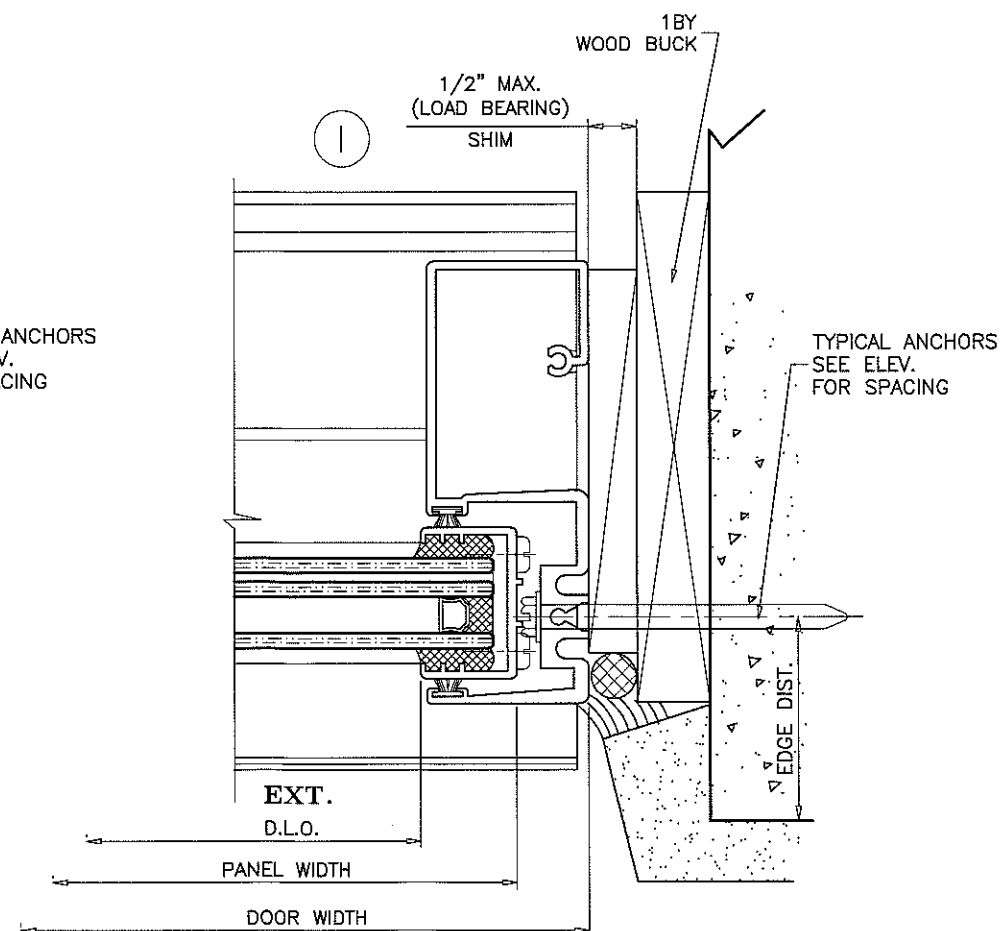
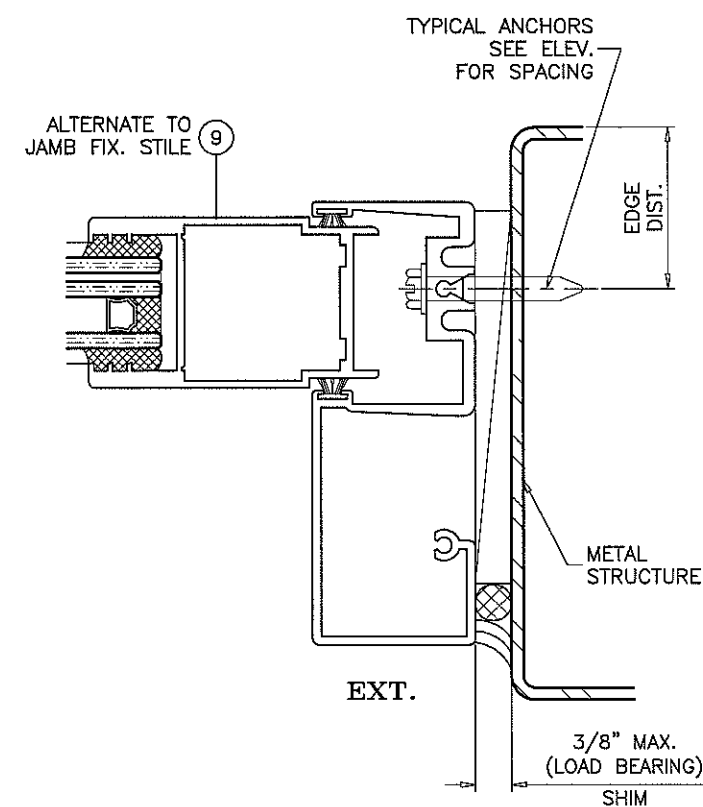
drawing no.

W16-63

sheet 6 of 10

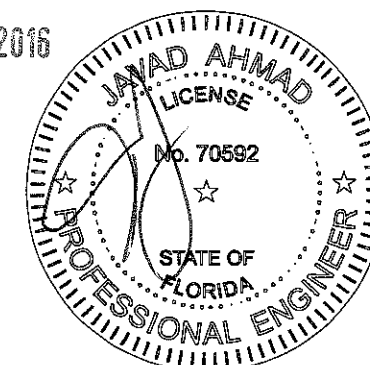
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-8978
(C.A.N. 3538)

COMP-ANL\W16-63AWP



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Expiration Date 6/24/19
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Mfg. Dept. Product Control

SEP 26 2016



| date: 09-21-16 | | scale: 1/2" = 1" | | dr. by: HAMID | | chk. by: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| drawing no. W16-63 | | | | sheet 7 of 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| UNANCHORED JAMBS DEFLECTION AT 80 PSF | | |
|--|-----------------------|----------------------|
| PANEL WIDTH NOMINAL INCHES | DOOR HEIGHT INCHES | DEFLECTION INCHES |
| 30 | 80 | .075 |
| 36 | | .087 |
| 42 | | .099 |
| 48 | | .109 |
| 54 | | .117 |
| 56-1/2 | | .120 |
| 60 | 96 | .124 |
| 66 | | .129 |
| 30 | | .157 |
| 36 | | .186 |
| 42 | | .212 |
| 48 | | .236 |
| 54 | | .258 |
| 56-1/2 | | .266 |
| 60 | 102 | .278 |
| 66 | | .286 |
| 30 | | .201 |
| 36 | | .238 |
| 42 | | .272 |
| 48 | | .305 |
| 54 | | .334 |
| 56-1/2 | 108 | .346 |
| 60 | | .357 |
| 30 | | .254 |
| 36 | | .301 |
| 42 | | .345 |
| 48 | | .387 |
| 54 | | .426 |
| 56-1/2 | | .441 |
| 60 | | - |

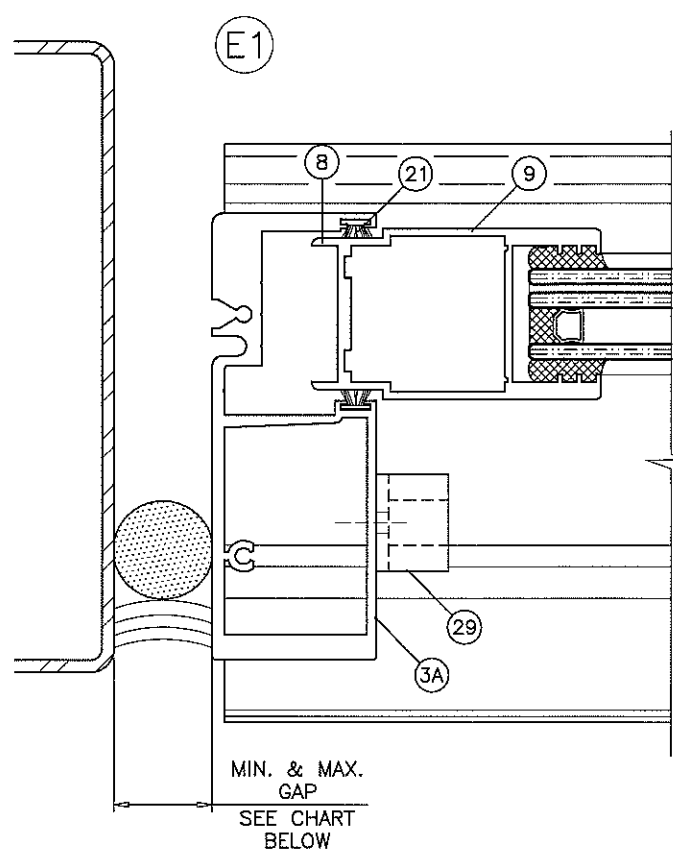
NOTE:
 MAX. MOVEMENT CONSIDERED=100% STRETCH.
 PLEASE REFER TO SEALANT MANUFACTURER'S DATA AND APPLICATION
 MANUAL FOR COMPATABILITY OF SEALANT TO SUBSTRATE & WINDOWALL
 MATERIAL/FINISH AND COMPLIANCE FOR WARRANTY.
 REFER TO ACI-117-10 FOR CONSTRUCTION TOLERANCES.

ALTERNATE SEALANTS AT JAMB GAPS CAN BE DESIGNED BY
 ENGINEER OF RECORD BASED ON MANUFACTURER GUIDE LINES.

GAPS LESS THAN 1/4" MAY BE DESIGNED BY ENGINEER OF RECORD BY
 THE USE OF BOND BREAKER TAPE OR 15% OF GAP ALLOWED MOVEMENT.

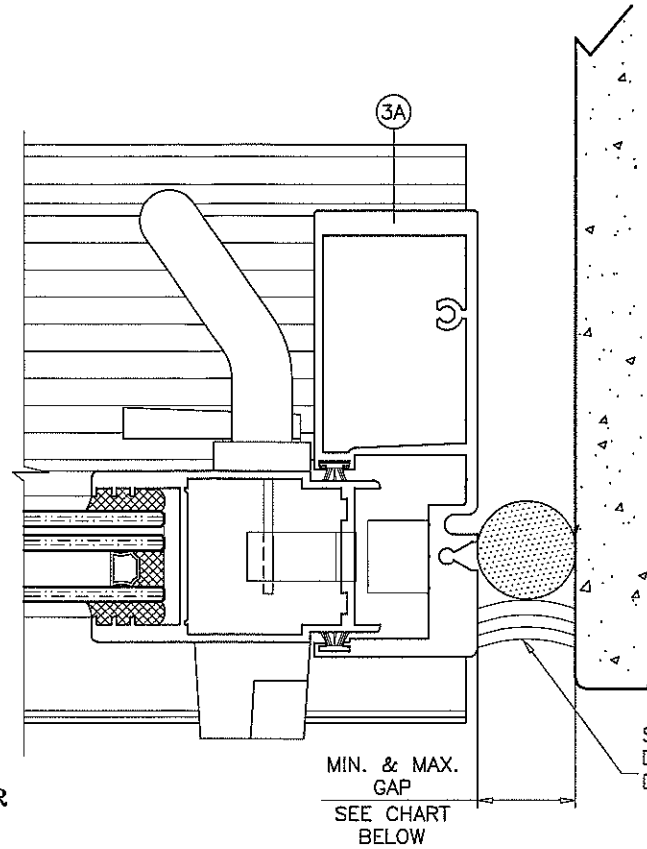
| GAPS FOR FREE STANDING JAMBS | | |
|---------------------------------|-------------|-------------|
| MAX. FRAME HEIGHT | MIN. GAP | MAX. GAP |
| 82" | 1/4" | 1" |
| 96" | 1/4" | 1" |
| 102" | 1/4" | 1" |
| 108" | 1/4" | 1" |

| 1x IN~4 | 5x IN~3 |
|---------|---------|
| 5.645 | 2.5527 |

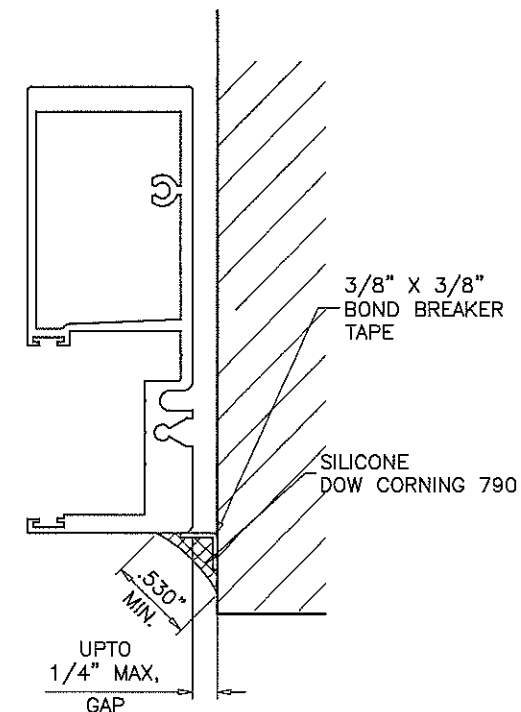


**FREE STANDING JAMB
FIXED SIDE**

EXTERIOR



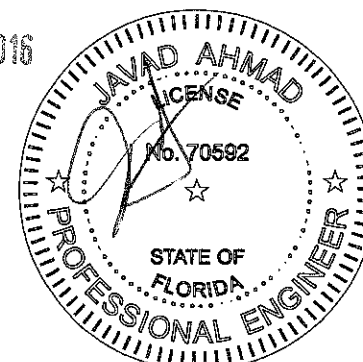
**FREE STANDING JAMB
OPERABLE SIDE**



FREE STANDING JAMB
 FOR JOINTS GAP LESS THAN 1/4" USE
 BOND BREAKER TAPE
 SEE DETAIL ABOVE

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No 16-0824.05
 Expiration Date 6/24/19
[Signature]
 Mr. J. J. Product Control

SEP 26 2016



AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
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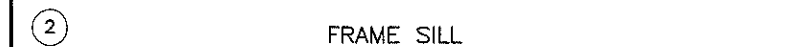
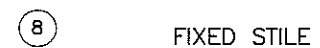
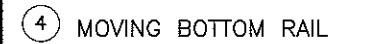
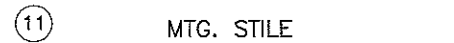
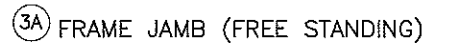
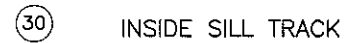
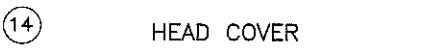
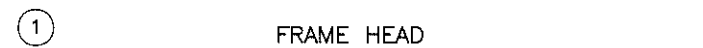
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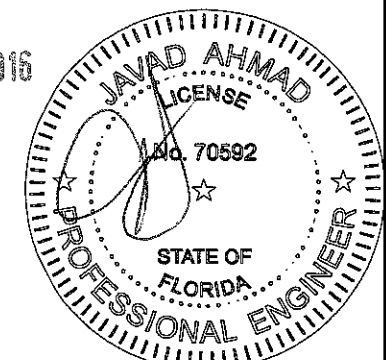
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date: 09-21-16 scale: 1/2" = 1" dr. by: HAMID chk. by:
 drawing no. **W16-63**
 sheet 8 of 10



SEP 26 2016

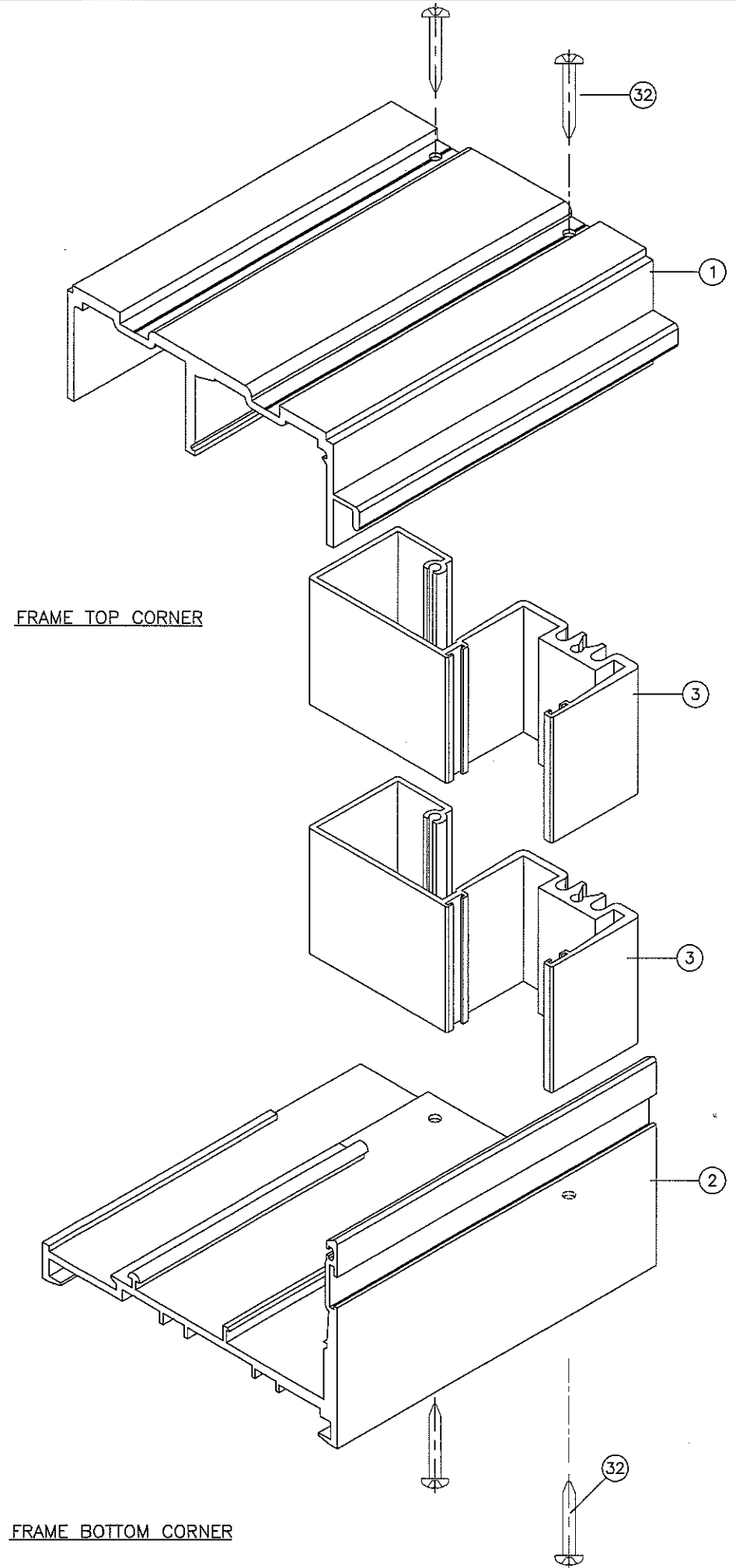


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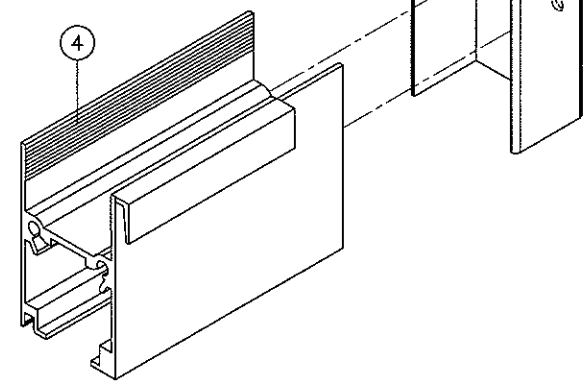
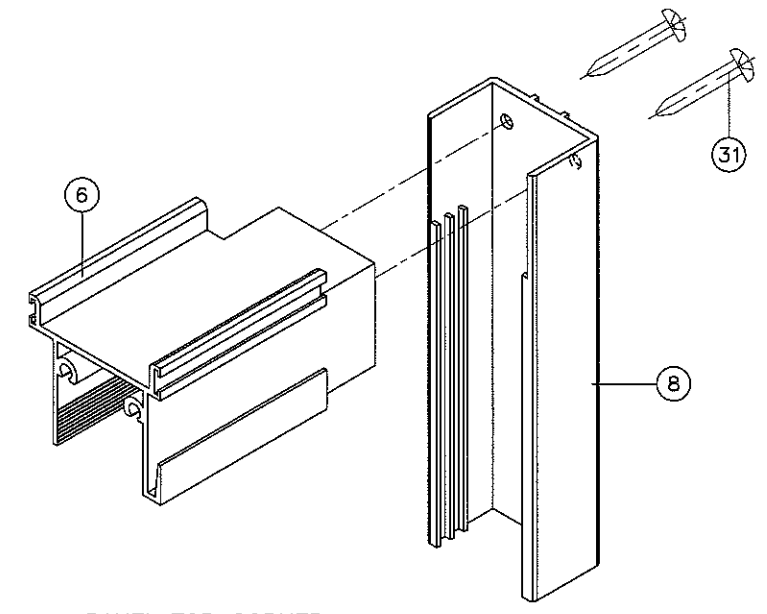
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FRAME TOP CORNER



FRAME BOTTOM CORNER

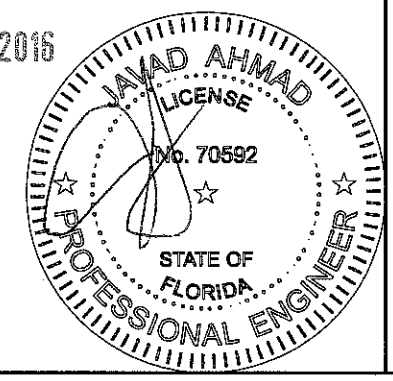
PANEL TOP CORNER



PANEL BOTTOM CORNER

PRODUCT REVISED
as complying with the Florida
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Acceptance No. 16-0824-05
Expiration Date June 24, 2019
By: [Signature]
Date: [Signature]

SEP 26 2016



af c
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sheet 10 of 10